

ACADEMIC POSITION

Department of Economics, University of Arkansas

ConocoPhillips Professor of International Economics and Business (2025-Present)

Professor (2025-Present)

Associate Professor (2019-2025)

Director, Masters of Economic Analytics Program (2022-2024)

Assistant Professor (2013-2019)

OTHER AFFILIATIONS

Associate, Indonesia Project, Australia National University (2024-Present)

Research Associate, National Bureau of Economic Research (2022-Present)

Affiliate, Abdul Latif Jameel Poverty Action Lab (JPAL), Cambridge (2020-Present)

Fellow, Association for Analytical Learning about Islam and Muslim Societies (2018-Present)

EDUCATION

PhD, Economics. University of Southern California (2013)

MPhil, Economics. Cambridge University (2002)

Graduate Diploma, Economics. Cambridge University (2001)

BA, Computer Science, University of California at Berkeley (1996)

RESEARCH INTERESTS

Development Economics, Program Evaluation, and Urban Economics.

PEER-REVIEWED PUBLICATIONS

"Measuring Economic Growth with a Fully Identified Three-Signal Model" (with A. Civelli and A.S. Yousuf). *Accepted. The Review of Economics and Statistics*

"The Marginal Disutility from Corruption in Social Programs: Evidence from Program Administrators and Beneficiaries Across Indonesia" (with Rema Hanna and Ben Olken). *March 2024. AER: Insights 6 (1)*

"Urban Sprawl and Social Capital: Evidence from Indonesian Cities" (with Andrea Civelli, Alex Rothenberg, and Yao Wang). *August 2023. The Economic Journal 133 (654)*

"Are Consumers Willing to Pay for Conservation Agriculture? The Case of White Maize in the Democratic Republic of the Congo" (with Willy Mulimbi Byamungu, Lawton Lanier Nalley, and Rodolfo M. Nayga Jr.). *2023. Natural Resources Forum 47 (1)*

"Life in the Slow Lane: Unintended Consequences of Public Transit in Jakarta" (with Tadeja Gracner and Alex Rothenberg). *2022. Journal of Urban Economics 128.*

"Dynamics and Stability of Social and Economics Networks: Experimental Evidence". (with Juan Carrillo). *2021. Journal of Economic Behavior and Organization 118.*

"Remittance, Child Labor, and Schooling: Evidence from Colombia" (with Andres Cuadros Menaca). *2020. Economic Development and Cultural Change 68 (4).*

"Unity in Diversity? How Intergroup Contact Can Foster Nation Building" (with Samuel Bazzi, Alexander Rothenberg, and Maisy Wong). *2019. The American Economic Review 109(11).*

- “Skill Transferability, Migration and Development: Evidence from Population Resettlement in Indonesia” (with Samuel Bazzi, Alexander Rothenberg, and Maisy Wong), 2016, *The American Economic Review* 106(9).
- “Rethinking Indonesia’s Informal Sector” (with Alexander Rothenberg, Nicholas E. Burger, Charina Chazali, Rini Radikun, Indrasari Tjandraningsih, Cole Sutera, and Sarah Weilant), 2016, *World Development* 80.
- “Improving Education Quality Through Enhanced Community Participation: Results from A Randomised Field Experiment in Indonesia”. (with Menno Pradhan, Daniel Suryadarma, Amanda Beatty, Maisy Wong, Armida Alisjahbana, and Rima Artha), 2014, *AEJ: Applied Economics* 6 (2).

SELECTED WORKING PAPERS

- “Preference for Warning Signal Quality: Experimental Evidence” (with A. Ugarov and P. McGee). 2025 (*Revision Requested, Games and Economic Behavior*)
- “Optimal Public Transportation Networks: Evidence from the World’s Largest Bus Rapid Transit System in Jakarta” (with G. Kreindler, T. Graff, R. Hanna, B. Olken). 2023 (*Conditionally Accepted, The American Economic Review*)
- “Does Performance Pay Enhance Social Accountability? Evidence from Remote Schools in Indonesia” (with Menno Pradhan, Jan Priebe, and Dewi Susanti). 2023 (*Under Review*)
- “The Long-Term Effects of Delayed School-going Age: Evidence from Indonesia” (with Saurabh Singhal). 2021.
- “The Determinants of Urban Sprawl: Evidence from Indonesia” (with Andrea Civelli). 2018.
- “Connectivity and Electoral Competitiveness: Evidence from Indonesia’s Presidential Election (with T. Yudo Wicaksono)
- “Uniter or Divider? Religion and Social Cooperation: Evidence from Indonesia”. 2016
- “The Effect of Proximity to Parks on Childhood Obesity” (with Yiwei Qian, Rodolfo M. Nayga Jr, Michael R. Thomsen, Grant H. West and Heather L. Rouse). 2015.
- “Integration and Trade Specialization in East Asia”. (with Yose Damuri and Raymond Atje). CSIS WPE 094. 2006.
- “Properties of Fixed Effects Dynamic Panel Data Estimators for a Typical Growth Dataset”. CSIS WPE 062. 2002.
- “Information and Social Networks in Village Economies”. CSIS WPE 063. 2002.

WORK IN PROGRESS

- Labor Market Consequences of Public Sector Salary Surge* (with M. Amzad Hossain)
- Closing the Indonesian Students’ Mathematics Gap Using High-Tech, High-Touch Interventions* (with T. Igarashi, M. Irhamni, S. Maulana, G. Sahadewo, D. Suryadarma)
- Teach Afghanistan: Gender Impact of Tutoring for University Entrance in Rural Afghanistan* (with A. Mobariz)
- The Effectiveness of Incentive and Information to Reduce Crop Residue Burning in Vietnam* (with S. Sharma, S. Singhal, and F. Tarp)
- Language Prohibition, Nation-Building, and Economic Development: Evidence from Ethnic Chinese School Closures in Indonesia* (with V. Fouka, G. Lim, S. Mustika, and T.Y. Wicaksono)
- Evaluating the Impact of Mover School (Sekolah Penggerak) Program on Learning Outcomes* (with M. Irhamni, G. Sahadewo, D. Suryadarma)
- Urban Sprawl and Health* (with A. Civelli, C. Quintana-Domeque, and J. Zheng).

The Spatial Dimension of Urbanization (with Andrea Civelli). Best Paper for the World Bank's East Asia Urban Data competition.

RESEARCH GRANTS

Data-Driven Approach to Recruit and Incentivize Banking Agents for Poor Communities: Evidence from Indonesia's Largest Microfinance Provider (with T. Yudo Wicaksono)

J-PAL SEA – LPEM FEB UI Inclusive Financial Innovation Initiative (IFII), \$10,033

The Effectiveness of Incentive and Information to Reduce Crop Residue Burning in Vietnam (with S. Sharma, S. Singhal, and F. Tarp)

JPAL King Climate Action Initiative (KCAI), \$ 53,878 (2024-2025)

Language Prohibition, Nation-Building, and Economic Development: Evidence from Ethnic Chinese School Closures in Indonesia (with G. Lim, C.C. Kok)

Faculty GRF/ECS Incentive Award, \$104,315 (2023-2026)

Generating Evidence to Improve Productivity Growth and Transportation Logistics of Micro, Small, and Medium Enterprises (MSMEs) in Indonesia (with J. Cai)

Millennium Challenge Corporation, \$417,989 (2022-2025)

Evaluating the Impact of Mover School (Sekolah Penggerak) Program on Learning Outcomes (with M. Irhamni, G. Sahadewo, D. Suryadarma)

JPAL-SEA Indonesia Research Fund, \$63,932 (2021-2022)

JPAL-SEA Indonesia Research Fund (with M. Irhamni and G. Sahadewo), \$24,999 (2021)

Improving Digital Literacy and Financial Inclusion of Female Micro-Entrepreneurs through Microcredit

JPAL-SEA Inclusive Financial Innovation Initiative (IFII), \$74,900 (2022)

JPAL-SEA Inclusive Financial Innovation Initiative (IFII), \$7,950 (2021)

JPAL-SEA Indonesia Research Fund, \$13,999 (2021)

Optimal Public Transportation Networks: Theory and Evidence from Jakarta's Public Bus System (with G. Kreindler, R. Hanna, B. Olken)

National Science Foundation, \$420,000 (2021-2024)

Iron and Folic Acid Supplementation Interventions to Prevent and Control Anemia among Young Women at Reproductive Age (with B. Rosha; E. Satriawan; L. Widasari, Y; Widodo; F. Witoelar)

JPAL-SEA Indonesia Research Fund, \$26,487 (2021-22)

Asian Development Bank (with Elan Satriawan and Firman Witoelar), \$92,429 (2021-22)

Faculty Global Research Grant, \$1,000, Walton College (2019, 2020)

OTHER PUBLICATIONS

Non Peer-Reviewed Papers

"Macroeconomic Overview: Accelerating Growth, Maintaining Stability". 2004. *Indonesian Quarterly* 32(3). (with Ari Perdana).

"Social Implications of the Indonesian Economic Crisis." 2003. *Indonesian Quarterly* 31(2).

"Economic Adjustment and the Forestry Sector in Indonesia." 2003. *Indonesian Quarterly* 31(2). (with Kurnya Roesad).

"Indonesia's Labour Market during the Crisis: Empirical Evidence from the Sakernas, 1997-1999". 2000. *Indonesian Quarterly* 28(3). (with Tubagus Feridhanusetyawan).

“Pendidikan di Indonesia Sebelum dan Semasa Krisis” (Education in Indonesia before and during the crisis). *Analisis CSIS* 24(3). 2000.

Book Chapters

“Diversity, contact and nation building: Evidence from population resettlement in Indonesia” (with Samuel Bazzi, Alexander Rothenberg, and Maisy Wong), 2023, in Dominic Rohner and Ekaterina Zhuravskaya (eds.), *Nation Building: Big Lessons from Successes and Failures*.

In Stefan Nachuk and Susannah Leisher (eds.), *Making Services Work for the Poor: Nine Case Studies from Indonesia*. Jakarta: World Bank:

- “Civil Service Reform in Boalemo District, Gorontalo Province.” 2006.
- “Healthcare Insurance Reform in Jembrana, Bali.” (with Laila Kuznezov)
- “Creating Learning Communities for Children in the Polman District, West Sulawesi.” (with Stefan Nachuk)

“Indonesia.” 2005. In Southeast Asia Regional Outlook 2005-2006. Singapore: ISEAS.

“Indonesia.” 2000. In *Confronting Climate Change: Economic Priorities and Climate Protection in Developing Nations*, Washington DC: National Environment Trust.

Reports

Village Capacity in Maintaining Infrastructure: Evidence from Rural Indonesia. 2010. Jakarta: World Bank.

Indonesia Commerce Report. 2007. New York: Economist Intelligence Unit.

GAM Reintegration Needs Assessment. 2006. Jakarta: World Bank. (with Patrick Barron, Samuel Clark, and Matthew Zurstrassen).

Op-eds/Book reviews

Published in Indonesian national newspapers: *Kompas*, *Bisnis Indonesia* and *Jakarta Post*.

TEACHING

University of Arkansas

Applied Microeconometrics (M.Sc., Economic Analytics). (Fall: 2021-2023)

Econometrics I (PhD economics sequence). (Fall: 2013-14, 16-19)

Development Economics I (Graduate) (Fall: 18)

Development Economics II (Graduate) (Spring: 2014-20, 21-)

Development Economics (Undergraduate) (Spring: 2014-15; Fall 2021; S/F: 2016-19, 2024-)

Others

JPAL-SEA, Randomized Evaluation, Indonesian Ministry of Education (April 2021)

Managerial Economics. Prasetya Mulya Graduate School of Management, Jakarta, Indonesia. (Sep 2003 – May 2004)

Economics Training for Policy Makers. Institute for Economics and Social Research. Faculty of Economics, University of Indonesia. *Occasional appointments* (2005-07)

Teaching Assistant

Evaluating Social programs. MIT-JPAL/World Bank Jakarta Summer Course. (June 2008)

Economics of Less Developed Countries. USC. (Fall 2009)

Economic Development of the Middle East. USC. (Fall 2009)

Economic Policy Issues. USC. (Spring 2009)

Principles of Microeconomics. USC. (Fall 2007, Spring & Fall 2008, Spring 2010)

Principles of Macroeconomics. USC. (Fall 2009, Spring 2010)

FELLOWSHIPS AND AWARDS

2024 Sam Walton College Research Excellence Award

2024 Visiting Fellow, Crawford School of Public Policy, Australian National University

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| 2024 | Kuznets Visitor, Yale University |
| 2021 | Faculty Gold Medal, Outstanding Mentor, Office of Nationally Competitive Awards, U. of Arkansas |
| 2020/21 | Research Fellow, JPAL Southeast Asia |
| 2018 | <i>World Bank Economic Review</i> Excellence in Refereeing Award 2017 |
| 2017 | Visiting Fellow, UNU WIDER, Helsinki (Summer) |
| 2015 | Best Paper for the World Bank East Asia Urban Data Competition (with A. Civelli) |
| 2012-2018 | Junior Fellow, Assoc. for Analytical Learning about Islam and Muslim Societies |
| 2012-2013 | USC Graduate School Dissertation Completion Fellowship |
| 2011-2012 | Advanced Fellowship, USC Department of Economics |
| 2011 | Summer Research Fellowship, USC Department of Economics |
| 2010 | Best Third-Year Paper Award, USC Department of Economics |
| 2010-2011 | Wallis Annenberg Fellowship for Research on Women and Family (\$25,000) |
| 2010-2012 | American-Indonesian Cultural and Education Foundation Fellowship |
| 2007-2009 | USC Teaching Assistant Awards |
| 2002 | Citibank Cambridge Scholarship |
| 2001 | British Chevening Award |
| 1998 | Visiting Fellow, Australian National University, Canberra |

PROFESSIONAL ACTIVITIES

Conference and seminars (= webinars)*

- 2024: Universitas Islam Internasional Indonesia
 Australasian Development Economics Workshop, Melbourne
 Centre for Development Economics and Sustainability, Monash University
 University of Melbourne
 Crawford School of Public Policy, Australian National University
 Yale Indonesia Forum, Yale University
- 2023: Forum Kajian Pembangunan*
 IRSA Conference (Keynote Speaker), Institut Pertanian Bogor
 Asian Economic Development Conference, University of Tokyo
 Indonesia Social Science Seminar Series, Sydney Southeast Asia Center*
- 2022: University of Arkansas
 University of Southern California, Conference in Honor of John Strauss*
- 2021: Forum Kajian Pembangunan*
 Hong Kong University Business School*
 SSI/DAD BBL, World Bank*
- 2020: Progres X Kanopi, University of Indonesia, Jakarta*
 KDIS-3ie-ADB-ADBI Conference on Impact Evaluation*
 Mindset Institute, Yogyakarta*
 Crawford School of Public Policy, Australian National University*
- 2019: North East Universities Development Consortium (NEUDC) at Northwestern U.
 Department of Economics, University of Indonesia
 JPAL-Southeast Asia
 Midwest International Economic Development Conference, U. of Wisconsin, Madison
 Pacific Development Conference, U. Southern California, California
- 2018: SMU Conference on Urban and Regional Economics, Singapore
 Urban Economics Association Conference, Columbia University
 Population Association of America (PAA) Meeting, Denver, Colorado
 Association of Religion, Economics and Culture (ASREC) at Chapman U

- 2017: Centre for Strategic and International Studies, Jakarta
 Sam Houston State University
 UNU WIDER, Helsinki
 DIAL Development Conference, University of Paris-Dauphine, Paris
 Midwest International Economic Development Conference, U. of Wisconsin, Madison
- 2016: Southern Economic Association Meeting, Washington DC
 Walton-CIRANO Workshop on Networks in Trade and Finance at the U. of Arkansas.
 Bank Indonesia, Jakarta
Forum Kajian Pembangunan at CSIS Jakarta
 UNU-WIDER Human Capital and Growth Conference at UNU-WIDER
 Association of Religion, Economics and Culture (ASREC) Europe at U of Copenhagen
 Midwest International Economic Development Conference at U. of Minnesota
- 2015: Centre for Strategic and International Studies, Jakarta
 World Bank, Washington DC
 Duke-ERID Advances and Applications of Spatial Equilibrium in Economics
- 2014: Northeast Universities Development Consortium (NEUDC) at Boston University.
 Walton-CIRANO Workshop on Networks in Trade and Finance at the U. of Arkansas.
 NBER Development Conference
- 2013: Indonesia Focus 2013 at University of Pittsburgh.
 North American Economics Science Association Conference at UC Santa Cruz.
 National University of Singapore.
 Nanyang Technological University.
 University of Arkansas.
- 2012: Northeast Universities Development Consortium (NEUDC) at Dartmouth College.
 Graduate Student Workshop, Institute for the Study of Religion, Economics, and Society
 (IRES) at Chapman University.
 USC Development Economics Seminar.
 Graduate Student Workshop, The Association for Analytic Learning on Islam and Muslim
 Societies (AALIMS) at Stanford University
 Pacific Development Economics (PacDev) Conference at UC Davis.
 Association of Religion, Economics and Culture Annual Meeting (ASREC) at Chapman Uni.
- 2011: USC Experimental Laboratory Meeting.
 Tanoto Foundation, Jakarta
- 2010: Indonesian National Planning Agency, Jakarta.
 Pacific Development Economics (PacDev) Conference at USC
- 2006: Atma-Jaya University, Yogyakarta
- 2003: ASEAN-EC Management Institute, Brunei Darussalam

Referee. *AEJ: Applied Economics, AEJ: Economic Policy, American Economic Review, American Journal of Political Science, ASEAN Economic Bulletin, Bulletin of Indonesian Economic Studies, Economics of Education Review, Economic Inquiry, Economic Journal, Educational Evaluation and Policy Analysis, Games and Economic Behavior, IZA Journal of Development and Migration, Journal of African Economies, Journal of Behavioral and Experimental Economics, Journal of Comparative Economics, Journal of Development Economics, Journal of Development Studies, Journal of Economic Behavior and Organization, Journal of Economic Geography, Journal of Economic Inequality, Journal of Public Economics, Journal for the Scientific Study of Religion, Labour Economics, Management Science, Regional Science and Urban Economics, Review of Development Economics, Review of Economics and Statistics, Social Science and Medicine – Population Health, Southern Economic Journal, Urban Affairs Review, World Development, World Bank Economic Review.*

Professional Affiliations and Services:

Member, *NBER Development Summer Institute Committee*, 2025
Faculty Search Committee, *Department of Economics, U. of Arkansas*
Chair: 2021/22, 2024/25 | Member: 2017/8, 2023/24
Member, Master Program Committee, 2022-2024, *Walton College of Business, U. of Arkansas*
Director, MS in Economic Analytics, 2022-2024, *Department of Economics, U. of Arkansas*
Committee, MS in Economic Analytics, 2018-2022, *Department of Economics, U. of Arkansas*
Member, Awards Committee, 2019-2022, *Walton College of Business, U. of Arkansas*
Thesis Examiner, University of Canberra, 2021
Program Committee, 2014-17, 19 *Walton-CIRANO Workshop on Networks in Trade & Finance*
Program Committee, 2015 *Indonesian Regional Science Associations* conference
Program Committee, 2013 *Pacific Conference of the Regional Sci. Assoc. International*
Member, *American Economic Association, Urban Economics Association*

Supervised students:

Graduate (with first placement):

Chair/Co-chair:

Ahmad Shah Mobariz (2022, Postdoc, Center for Governments and Markets, U. of Pitt)
Kyle Sullivan (2019, Masters' thesis)
Alexander Ugarov (2019, Postdoc, CIMMS at the U. of Oklahoma)
Andres Cuadros Menaca (2017, Assistant Professor, Universidad ICESI, Colombia)
Yiwei Qian (Co-chair, 2014, Postdoc, Agricultural Economics, U of Arkansas)

Committee Member:

Willy Byamungu (2022)
Nathaniel Burke (2022)
Aaron Novotny (2019)
Baqir Fateh (Masters' thesis, 2018)
Yefan Nian (Masters' thesis, Agecon, 2018)
Arlo Redwine (2018)

Undergraduate:

Chair:

Duncan McNees (2025)
Kaitlin Murray (2023)
Juliann Phillips (2020)
Erin Farmer (2019, Senior Honor Citation Award; Razorback Classics; MSc., London School of Economics)
Lauren Cothren (2019, Graduate School of Economics, Indiana University)
Caitlyn Goodman (2019, Outstanding Student Award, BSIB, Walton College)
Carson Leavitt (2017)
Juliann Tucker (2015)
Shicong Xu (2014, Graduate School, AEDE, Ohio State University)

Second reader:

Raquel Romero (2020)
Tenley Getschman (2020)
Katherine Pearson (2019)
Rachel Graham (2019)
Nicole Limpert (2018)
Alyssa Hicks (2018)

OTHER RESEARCH EXPERIENCE

Consultant, *World Bank, Jakarta* (2017 - 2019)
Consultant, RAND Corporation. (May-Dec 2014)
Consultant, GRM International Pty. Ltd., Brisbane, Australia. (2013-2015)
Monitoring and Evaluation Consultant. *World Bank, Jakarta* (2004 –2012).
Research Assistant. *Indonesia Family Life Survey*. (Summer 2008).
Freelance Author, Economist Intelligence Unit, Ltd., London (Oct 2006 – Jan 2007).
Research Economist, CSIS, Jakarta (1997 – 2007).
Researcher, *Pelangi Indonesia, Jakarta* (1997 –2000; Nov 2002 – Jan 2003)